



ANNOUNCEMENT FOR OPEN TESTING Public Health Chemist II

Final Filing Date: **January 9, 2004**
Bulletin Release Date: November 21, 2003
Written Test Date: February 21, 2004

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California State Government supports equal opportunity to all regardless of race, color, creed, national origin, ancestry, gender, marital status, disability, religious or political affiliation, age, or sexual orientation. It is an objective of the State of California to achieve a drug-free work place. Any applicant for state employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the state, the rules governing civil service, and the special trust placed in public servants.

WHO SHOULD APPLY: Persons who meet the minimum qualifications (entrance requirements) as stated on this announcement should apply. This is an open examination. Applications will not be processed on a promotional basis and career credits do not apply.

HOW TO APPLY: To learn more about the examination and testing arrangements, contact the testing office shown below. Applications are available and may be filed in person or by mail with:

	DEPARTMENT OF HEALTH SERVICES	(916) 552-8340
	SELECTION UNIT	
In Person:	1501 Capitol Avenue, Suite 71.1501	
By Mail:	MS 1301	
	P.O. BOX 997411	
	Sacramento, CA 95899-7411	

DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD

FINAL FILING DATE: Applications must be submitted by **January 9, 2004**, the final filing date. Applications postmarked, personally delivered, or received via interoffice mail after the final filing deadline will not be accepted.

SPECIAL TESTING INFORMATION: If you have a disability that requires accommodation, mark the appropriate box on the application Form STD. 678. You will be contacted to make specific arrangements.

WRITTEN TEST DATE: FEBRUARY 21, 2004. Written tests will be scheduled in such locations throughout the State as the number of candidates and conditions warrant.

SALARY RANGES: \$4111 - \$4960 per month. In addition, receives a monthly pay differential of \$200.

IDENTIFICATION REQUIREMENT: Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

POSITION DESCRIPTION: This is either the advanced journey person level or the lead person. Under general direction, acts as a lead person over a small group engaged in complex, nonstandardized chemical work in a laboratory section or on a specific project or activity; provides lead over a small staff primarily engaged in testing and analyzing chemicals according to established standards; personally performs complex and nonstandardized chemical analyses; develops control programs to assure the validity of chemical determinations made within their laboratories; or under general direction, serves as an advanced journey person in a specific area of chemistry, such as those program areas specified above. Performs the more advanced, complex, or innovative chemical analyses requiring independence of action; constructs and maintains specialized laboratory equipment; develops and tests new procedures for making chemical determinations in field and laboratory work; modifies existing methods to achieve higher specificity, precision, and accuracy; validates methods; evaluates quality control procedures; performs analyses of unknown media and multiple chemical components; makes complex chemical analyses which involve varied chemical components in one sample; deviates from standardized methods to isolate and analyze chemical contents; develops and evaluates new methods; acts as lead chemist in his/her areas of expertise; provides guidance and technical assistance to lower level professionals; conducts quality control assurance including independent retests of the first test to validate chemical analytical results.

Positions exist with the Department of Health Services in Berkeley, Los Angeles, and Richmond.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION: It is your responsibility to make sure you meet the education and/or experience requirements stated on this announcement by FEBRUARY 21, 2004, the written test date. Your signature on your application indicates that you have read, understood, and possess the basic qualifications required.

NOTE: Applications/resumes **MUST** include "to" and "from" dates (month/day/year), time base, civil service class title(s), and range (if applicable) for all work experience. College course information **MUST** include: title, number of semester or quarter units, name of institution, completion dates, and degree (if applicable).

Applications/resumes received without this information will be rejected.

MINIMUM QUALIFICATIONS: Qualifying experience may be combined on a proportionate basis if the following requirements include more than one pattern and are distinguished as "Either I," "or II," "or III," etc.

Either I

Two years of experience in the California state service performing the duties of a Public Health Chemist I.

Or II

Experience: Three years of professional experience in making a wide variety of chemical analyses, two years of which shall have been related to foods and drugs, water, waste water, air pollutants, substances potentially hazardous to householders or workers in industry, radiochemistry, or clinical chemistry. (One year of postgraduate training in chemistry or a closely related field may be substituted for the one year of nonspecialized experience.) and

Education: Equivalent to graduation from college with major work in chemistry, biochemistry, or a closely related field.

EXAMINATION INFORMATION: The examination will consist of a written test weighted 100%. Test Items are designed to measure the following knowledges and abilities:

Knowledge of:

1. Fundamentals of organic, inorganic, analytical, and physical chemistry and biochemistry.
2. The principles, procedures, and equipment used for chemical and related analyses.
3. Quantitative and qualitative chemical and related analyses.
4. Analysis and instrumental methods of analysis.
5. Clinical methods and toxic effects of compounds and substances.
6. Methods of instrumental analyses.
7. Provisions of applicable laws, rules, or regulations.
8. Statistics, report writing, and research methods and procedures.

Ability to:

1. Perform accurate chemical analyses following standardized methods.
2. Assist in the development of analytical procedures for specific needs.
3. Learn, interpret, and apply to specific work assignments provisions of laws, rules, or regulations.
4. Analyze and interpret test information.
5. Write technical papers and reports and analyze situations accurately and report results.
6. Develop new procedures or revise current procedures.
7. Collect and organize data for court presentations.
8. Act as a consultant or lead person.
9. Prepare complex reports.
10. Develop and implement original and creative approaches to solving the most complex public health chemical analysis problems.

ELIGIBLE LIST INFORMATION: In order to obtain a position on the eligible list, a minimum rating of 70 percent must be attained. Names of successful competitors are merged into the departmental open list in order of final scores, regardless of date. Eligibility expires 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

VETERANS PREFERENCE: Veterans' preference credits will not be granted in this examination since it does not qualify as an entrance examination.

GENERAL INFORMATION

It is the candidate's responsibility to contact the Department of Health Services Selection Unit (916) 552-8340 three days prior to the written test date if he/she has not received his/her notice.

Applications are available at the State Personnel Board office, through the Internet at <http://www.spb.ca.gov> at local offices of the Employment Development Department, and at the Department noted on this announcement.

If you meet the requirements stated on this announcement, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. All successful candidates will be ranked according to their final scores.

The Department of Health Services reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service law and rules and all competitors will be notified.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, and 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in from one to four years unless otherwise stated on this bulletin.

General Qualifications: In addition to the scope defined on this announcement, candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, ability to work cooperatively with others, and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required.

Veterans Preference: California law limits granting of veterans preference credits to entrance examinations. Directions for applying for veterans' preference credits are provided on the Veterans Preference Application form, which is available from the State Personnel Board or the department(s) shown on this announcement.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device.

The California Relay (Telephone) Service for the Deaf or Hearing Impaired:

MCI From TDD: 1-800-735-2929 MCI From Voice Telephone: 1-800-735-2922
Sprint From TDD: 1-888-877-5378 Sprint From Voice Telephone: 1-888-877-5379